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New Insights into the Therapeutic Efficacy of Nanomaterials

Guest Editor:

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Message from the Guest Editor

Dear Colleagues,

Targeted therapies. based multifunctional on nanoparticles, have generated promising results in terms of optimized efficacy and reduced collateral toxicity. However, engineering nanoparticulate systems continues to encounter technical problems in vitro. Furthermore, biological barriers repersent important walls interfering with their successful in vivo fate. The blood-brain barrier. pleural fluid, and mucins on mucous membranes are among the most relevant barricades limiting the targeted delivery of nanomedicines. Recently, there has been significant progress in the optimization of the therapeutic efficacy of these nanomaterials.

This Special Issue hopes to receive contributions that provide an update on the applications and perspectives associated with the engineering of therapeutically efficient nanomedicines. In addition, this Special Issue will analyze the barriers to drug delivery and provides an overview of the various approaches employed to address related topics.

Prof. Dr. José L. Arias Guest Editor









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Editor-in-Chief

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Message from the Editor-in-Chief

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